

## PATENT ABSTRACTS OF JAPAN

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## (54) ON-LINE PERSONALIZATION METHOD AND SYSTEM

(57)Abstract:

**PROBLEM TO BE SOLVED:** To provide an on-line personalizing method that can surely personalize applications online.

**SOLUTION:** First an application providing device embeds a common key to an application to be downloaded, the application providing device encrypts the resulting application and transmits it to an IC card. The IC card decrypts it to acquire the application and the common key, stores the acquired application and common key to an application storage section, then the IC card runs the stored application to make challenge response verification with the application providing device by using the acquired common key, the IC card decrypts encrypted personalized data by using the common key sent from the application providing device and stores personalized data when the result of verification indicates validity.

